

Product datasheet for **MR202877**

Yipf6 (NM_207633) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Yipf6 (NM_207633) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Yipf6
Synonyms:	A430107J06Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202877 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGAAGCGGAGGACTCTCCGGGAGAACAGGAGGCAGCGGCATCCAAGCCCCTGTTTCAGGGTTGT
CTGATGTGTCAATTTCTCAGGACATTCCCATAGAAGGGGAGATTACCATCCCCTCCAGAGCTCGTGCTCA
AGAACATGACAGCTCCACTGAATGAATCCATTCGTCGGACCATTATGCGAGATCTAAAAGCTGTGGGA
AGGAAATTTATGCATGTTTTATATCCAAGGAAGAGTAATGCACTGTTAAGAGACTGGGACCTGTGGGCC
CATTGATACTTTGTGTGACACTGCATTGATGTTACAGAAAAGTCCATTGATGGGAAGAATGATGGCGG
AGGCCCAGAATTCGAGAAGTATTTGTTATCATCTGGTTTGGAGCAGTTACCATCACGCTGAATCCAAA
CTTCTTGGCGGAAACATTTCTTTTTTTCAGAGTCTCTGTGATTAGGGTACTGCATTCTTCTTTGAACA
TCGCAATGCTGATCTGCCGCTTGTCTTTTGGCTGGACAGGGACCAATAAACTTCATGATTCGGCTTTT
TGTAGTGTGTTGATGTTTCGCTTGGTCCGTGGTGGCATCTACAGCATTCTTGTGACAGCCAGCCTCCA
AACAGAAAAGCCCTGGCAGTGTATCCTGTCTTTTTATTCTACTTTGTCATCAGTTGGATGATACTCACGT
TCACGCCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR202877 protein sequence
Red=Cloning site Green=Tags(s)

MAEAEDSPGEQEAASKPLFAGLSDVSIQDPIEGEITIPSRARAQEHDSSTLINESIRRTIMRDLKAVG
 RKFMHVL YPRKSNALLRDWDLWGPLILCVTLALMLQKSSIDGKNDGGGPEFAEVFVIIWFGAVTITLNSK
 LLGGNISFFQSLCVLGYCILPLNIAMLICRLLLLAGQGPINFMIRLFVLLMFAWSVVASTAFLADSQPP
 NRKALAVYPVFLFYFVISWMILTFTP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_207633

ORF Size: 711 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_207633.2](#), [NP_997516.1](#)

RefSeq Size: 5195 bp

RefSeq ORF: 711 bp

Locus ID: 77929

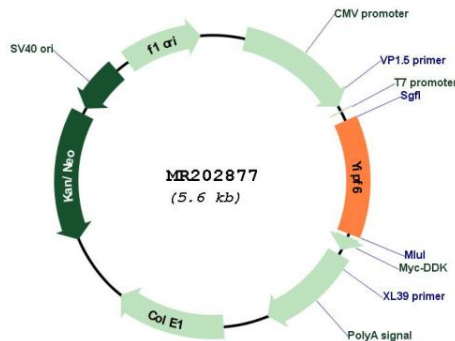
UniProt ID: [Q8BR70](#)

Cytogenetics: X C3

MW: 26.1 kDa

Gene Summary: May be required for stable YIPF1 and YIPF2 protein expression.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR202877